```
ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
KN KN
     24937-79-9 REGISTRY
       Ethene, 1,1-difluoro-, homopolymer (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
       Ethylene, 1,1-difluoro-, polymers (8CI)
 OTHER NAMES:
       .beta.-Polyvinylidene difluoride
 CN
       1,1-Difluoroethene homopolymer
 CN
 CN
       1,1-Difluoroethylene polymer
 CN
       1000LD
 CN
       1000VLD
       301F
 CN
 CN
       4000H
 CN
       9000HD
 CN
       CA 16
 CN
       CA 16 (fluoropolymer)
 CN
       Cellomer
 CN
       Dalvor
 CN
       Denka DX 41WT0040
 CN
      Desal JX
 CN
      Dulite
 CN
      Durapore
 CN
      Durapore GVHP
 CN
       Durapore GVWP
 CN
       Durapore GVWP 14250
 CN
       Durapore HVLP
       Durapore VVLP
 CN
       Dyflor 2000
 CN
       Dyflor 2000ES
 CN
 CN
       Dyflor 2000ES-P
 CN
      Dyflor 2000L
       Dyflor 2000M
 CN
      Dyflor 2000WS
 CN
      Dyflor EE
 CN
      Dyflor LE
 CN
 CN
      Dyflor X 7394
      Emflon II
 CN
 CN
       F 2
      F 2 (vinyl polymer)
 CN
 CN
      F 4000HD
 CN
      Fluorex
 CN
      Fluorex Clear 20011
 CN
      Fluorex HT 1
 CN
      Fluorodyne
 CN
       Fluorolon 2
 CN
      Fluoropolymers, poly(vinylidene fluoride)
 CN
      Fluorotrans
      Fluorotrans W
 CN
      Foraflon
 CN
      Foraflon 1000HD
 CN
 CN
      Foraflon 1000VLD
 CN
      Foraflon 1000VLP
 CN
      Foraflon 100HD
 CN
      Foraflon 4000HD
 CN
      Foraflon 50
      Kynar 741
 ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
      DISPLAY
 DR
       102381-94-2, 138185-45-2, 74125-35-2, 52683-00-8
 MF
       (C2 H2 F2)x
 CI
      PMS, COM
 PCT
      Fluoropolymer, Polyvinyl
                   AGRICOLA, ANABSTR, ASMDATA*, BIOBUSINESS, BIOSIS, BIOTECHNO,
 LC
        CA, CANCERLIT, CAPLUS, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB,
```

DDFU, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA, PLASPEC*, PROMT, TOXCENTER, TULSA, USPAT2, USPATFULL, VTB (*File contains numerically searchable property data)

Other Sources: DSL**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 75-38-7 CMF C2 H2 F2

CH₂ || F- C- F

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12717 REFERENCES IN FILE CA (1937 TO DATE)
253 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
12742 REFERENCES IN FILE CAPLUS (1937 TO DATE)

h me.. p lymer science.. medical polymers.. discussi n page.. resin suppliers.. pr cess rs.. moldmakers.. equipment.. classifieds

★ BannerNet	

PVDF - Polyvinylidene Fluoride

LEGEND

A = amorphous - Cr = crystalline - C = clear - E = excellent - G = good - P = poor - O = opaque - T = translucent- R = Rockwell - S = Shore

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STRUCTURE: Cr
SPECIFIC DENSITY: 1.77
WATER ABSORBTION RATE (%): 0.03
ELONGATION (%): 50
TENSILE STRENGTH (psi): 5800
COMPRESSION STRENGTH (psi): 10000
FLEXURAL STRENGTH (psi): 7800
FLEXURAL MODULUS (psi): 260000
IMPACT (IZOD ft. lbs/in): 6.6
HARDNESS: R95
FABRICATION
  - BONDING: P
  - ULTRASONIC WELDING: P
  - MACHINING: EG
DEFLECTION TEMPERATURE (deg. F)
  - @ 66 psi: 300
  - @ 264 psi: 190
UTILZATION TEMPERATURE (deg. F)
  - min: -40
  - max: 310
MELTING POINT (deg. F): 340
COEFFICIENT OF EXPANSION: 0.000022
ARC RESISTANCE: 60
DIELECTRIC STRENGTH (kV/mm): 22
TRANSPARENCY: T
UV RESISTANCE: G
CHEMICAL RESISTANCE
  - ACIDS: P
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- ALKALIS: G

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<u>BACK</u>